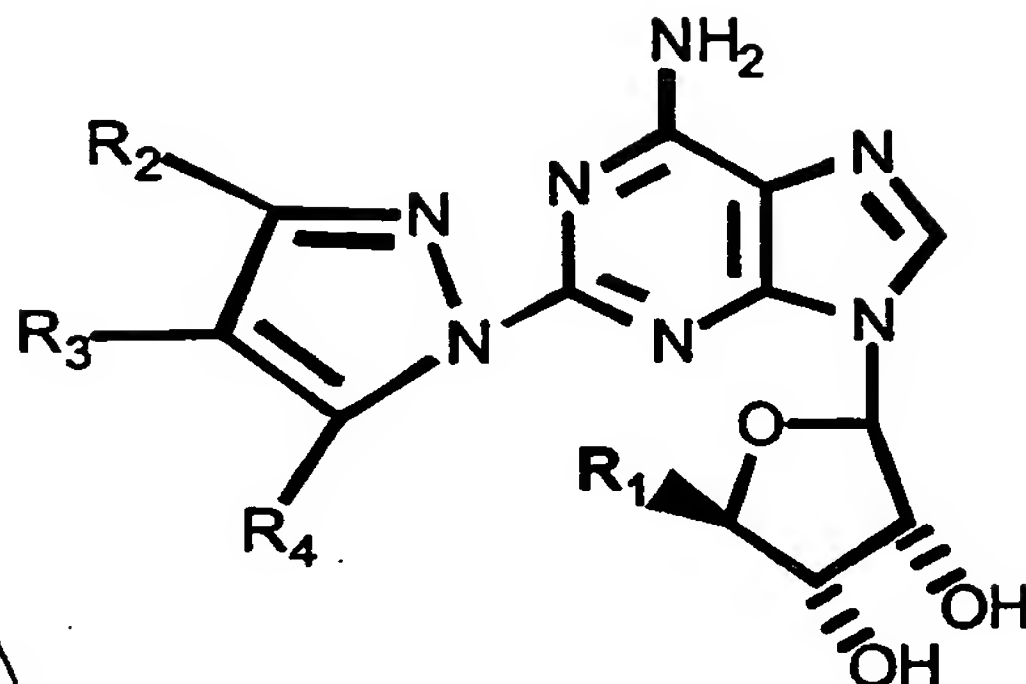


## What we claim is:

I. A compound having the formula:



wherein  $R^1 = \text{CH}_2\text{OH}$ ,  $-\text{CONR}^5\text{R}^6$ ;

5  $R^3$  is selected from the group consisting of  $\text{C}_{1-15}$  alkyl, halo,  $\text{NO}_2$ ,  $\text{CF}_3$ ,  $\text{CN}$ ,  $\text{OR}^{20}$ ,  $\text{SR}^{20}$ ,  $\text{N}(\text{R}^{20})_2$ ,  $\text{S}(\text{O})\text{R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N}(\text{R}^{20})_2$ ,  $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{N}(\text{R}^{20})_2 \text{NR}^{20}\text{COR}^{22}$ ,  $\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON}(\text{R}^{20})_2$ ,  $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{OC}(\text{O})\text{R}^{20}$ ,  $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$ , and  $\text{OCON}(\text{R}^{20})_2$ ,  $-\text{CONR}^7\text{R}^8$ ,  $\text{C}_{2-15}$  alkenyl,  $\text{C}_{2-15}$  alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl,  $\text{NO}_2$ , heterocyclyl, aryl, heteroaryl,  $\text{CF}_3$ ,  $\text{CN}$ ,  $\text{OR}^{20}$ ,  $\text{SR}^{20}$ ,  $\text{N}(\text{R}^{20})_2$ ,  $\text{S}(\text{O})\text{R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N}(\text{R}^{20})_2$ ,  $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{N}(\text{R}^{20})_2 \text{NR}^{20}\text{COR}^{22}$ ,  $\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON}(\text{R}^{20})_2$ ,  $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{OC}(\text{O})\text{R}^{20}$ ,  $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$ , and  $\text{OCON}(\text{R}^{20})_2$  and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo,  $\text{NO}_2$ , alkyl,  $\text{CF}_3$ , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide,  $\text{NCOR}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON}(\text{R}^{20})_2$ ,  $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{OC}(\text{O})\text{R}^{20}$ ,  $\text{OC}(\text{O})\text{N}(\text{R}^{20})_2$ ,  $\text{SR}^{20}$ ,  $\text{S}(\text{O})\text{R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N}(\text{R}^{20})_2$ ,  $\text{CN}$ , and  $\text{OR}^{20}$ ;

20  $R^5$  and  $R^6$  are each individually selected from H,  $\text{C}_1\text{-C}_{15}$  alkyl optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo,  $\text{NO}_2$ , heterocyclyl, aryl, heteroaryl,  $\text{CF}_3$ ,  $\text{CN}$ ,  $\text{OR}^{20}$ ,  $\text{SR}^{20}$ ,  $\text{N}(\text{R}^{20})_2$ ,  $\text{S}(\text{O})\text{R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N}(\text{R}^{20})_2$ ,  $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{N}(\text{R}^{20})_2 \text{NR}^{20}\text{COR}^{22}$ ,  $\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$ ,  $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON}(\text{R}^{20})_2$ ,  $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{OC}(\text{O})\text{R}^{20}$ ,  $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$ , and

$\text{OCON(R}^{20})_2$  and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo,  $\text{NO}_2$ , alkyl,  $\text{CF}_3$ , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide,  $\text{NCOR}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON(R}^{20})_2$ ,  $\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{OC(O)R}^{20}$ ,  $\text{OC(O)N(R}^{20})_2$ ,  $\text{SR}^{20}$ ,  $\text{S(O)R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N(R}^{20})_2$ ,  $\text{CN}$ , and  $\text{OR}^{20}$ ;

5  $\text{R}^7$  is selected from the group consisting of hydrogen,  $\text{C}_{1-15}$  alkyl,  $\text{C}_{2-15}$  alkenyl,  $\text{C}_{2-15}$  alkynyl, heterocyclyl, aryl and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo,  $\text{NO}_2$ , heterocyclyl, aryl, heteroaryl,  $\text{CF}_3$ ,  $\text{CN}$ ,  $\text{OR}^{20}$ ,  $\text{SR}^{20}$ ,  $\text{N(R}^{20})_2$ ,  $\text{S(O)R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N(R}^{20})_2$ ,  $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$ ,  
 10  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{N(R}^{20})_2$   $\text{NR}^{20}\text{COR}^{22}$ ,  $\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{NR}^{20}\text{C(NR}^{20})\text{NHR}^{23}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON(R}^{20})_2$ ,  $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{OC(O)R}^{20}$ ,  $\text{C(O)OCH}_2\text{OC(O)R}^{20}$  and  $\text{OCON(R}^{20})_2$  and wherein optional heteroaryl, aryl and heterocyclyl substituent is optionally substituted with  
 15 halo,  $\text{NO}_2$ , alkyl,  $\text{CF}_3$ , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide,  $\text{NCOR}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON(R}^{20})_2$ ,  $\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{OC(O)R}^{20}$ ,  $\text{OC(O)N(R}^{20})_2$ ,  $\text{SR}^{20}$ ,  $\text{S(O)R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N(R}^{20})_2$ ,  $\text{CN}$ , and  $\text{OR}^{20}$ ;

$\text{R}^8$  is selected from the group consisting of hydrogen,  $\text{C}_{1-15}$  alkyl,  $\text{C}_{2-15}$  alkenyl,  $\text{C}_{2-15}$  alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl, and heteroaryl substituents are optionally substituted with from 1 to 3  
 20 substituents independently selected from the group consisting of halo,  $\text{NO}_2$ , heterocyclyl, aryl, heteroaryl,  $\text{CF}_3$ ,  $\text{CN}$ ,  $\text{OR}^{20}$ ,  $\text{SR}^{20}$ ,  $\text{N(R}^{20})_2$ ,  $\text{S(O)R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N(R}^{20})_2$ ,  $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{N(R}^{20})_2$   $\text{NR}^{20}\text{COR}^{22}$ ,  $\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{NR}^{20}\text{C(NR}^{20})\text{NHR}^{23}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON(R}^{20})_2$ ,  $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$ ,  $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{OC(O)R}^{20}$ ,  $\text{C(O)OCH}_2\text{OC(O)R}^{20}$ , and  $\text{OCON(R}^{20})_2$  and  
 25 wherein each optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo,  $\text{NO}_2$ , alkyl,  $\text{CF}_3$ , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide,  $\text{NCOR}^{22}$ ,  $\text{NR}^{20}\text{SO}_2\text{R}^{22}$ ,  $\text{COR}^{20}$ ,  $\text{CO}_2\text{R}^{20}$ ,  $\text{CON(R}^{20})_2$ ,  $\text{NR}^{20}\text{CON(R}^{20})_2$ ,  $\text{OC(O)R}^{20}$ ,  $\text{OC(O)N(R}^{20})_2$ ,  $\text{SR}^{20}$ ,  $\text{S(O)R}^{22}$ ,  $\text{SO}_2\text{R}^{22}$ ,  $\text{SO}_2\text{N(R}^{20})_2$ ,  $\text{CN}$ , and  $\text{OR}^{20}$ ;

$\text{R}^{20}$  is selected from the group consisting of H,  $\text{C}_{1-15}$  alkyl,  $\text{C}_{2-15}$  alkenyl,  $\text{C}_{2-15}$  alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono- or dialkylamino, alkyl or aryl or heteroaryl amide,  $\text{CN}$ ,  $\text{O-C}_{1-6}$  alkyl,  $\text{CF}_3$ , aryl, and heteroaryl;

$\text{R}^{22}$  is selected from the group consisting of  $\text{C}_{1-15}$  alkyl,  $\text{C}_{2-15}$  alkenyl,  $\text{C}_{2-15}$  alkynyl,

heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono- or dialkylamino, alkyl or aryl or heteroaryl amide, CN, O-C<sub>1-6</sub> alkyl, CF<sub>3</sub>, aryl, and heteroaryl; and

5 wherein R<sup>2</sup> and R<sup>4</sup> are selected from the group consisting of H, C<sub>1-6</sub> alkyl and aryl optionally substituted with halo, CN, CF<sub>3</sub>, OR<sup>20</sup> and N(R<sup>20</sup>)<sub>2</sub>, with the proviso that when R<sup>2</sup> is not hydrogen then R<sup>4</sup> is hydrogen, and when R<sup>4</sup> is not hydrogen then R<sup>2</sup> is hydrogen.

2. The compound of claim 1 wherein R<sup>3</sup> is selected from the group consisting of C<sub>1-15</sub> alkyl, halo, CF<sub>3</sub>, CN, OR<sup>20</sup>, SR<sup>20</sup>, S(O)R<sup>22</sup>, SO<sub>2</sub>R<sup>22</sup>, SO<sub>2</sub>N(R<sup>20</sup>)<sub>2</sub>, COR<sup>20</sup>, CO<sub>2</sub>R<sup>20</sup>, -  
10 CONR<sup>7</sup>R<sup>8</sup>, aryl and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF<sub>3</sub>, CN, OR<sup>20</sup>, SR<sup>20</sup>, S(O)R<sup>22</sup>, SO<sub>2</sub>R<sup>22</sup>, SO<sub>2</sub>N(R<sup>20</sup>)<sub>2</sub>, COR<sup>20</sup>, CO<sub>2</sub>R<sup>20</sup> and CON(R<sup>20</sup>)<sub>2</sub>, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

15 R<sup>5</sup> and R<sup>6</sup> are each individually selected from the group consisting of H, and C<sub>1-15</sub> alkyl optionally substituted with one aryl substituent that is optionally substituted with halo or CF<sub>3</sub>;

R<sup>7</sup> is selected from the group consisting of C<sub>1-15</sub> alkyl, C<sub>2-15</sub> alkynyl, aryl, and heteroaryl, wherein the alkyl, alkynyl, aryl, and heteroaryl substituents are optionally  
20 substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF<sub>3</sub>, CN, and OR<sup>20</sup>, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

R<sup>8</sup> is selected from the group consisting of hydrogen and C<sub>1-15</sub> alkyl;

R<sup>20</sup> is selected from the group consisting of H, C<sub>1-4</sub> alkyl and aryl, wherein the alkyl  
25 and aryl substituents are optionally substituted with one alkyl substituent; and

R<sup>22</sup> is selected from the group consisting of C<sub>1-4</sub> alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 alkyl groups.

3. The compound of claim 1 wherein R<sup>3</sup> is selected from the group consisting of C<sub>1-15</sub> alkyl, halo, CF<sub>3</sub>, CN, OR<sup>20</sup>, CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup>, aryl and heteroaryl, wherein the alkyl,  
30 aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, aryl, CF<sub>3</sub>, CN, OR<sup>20</sup>, CO<sub>2</sub>R<sup>20</sup> or CON(R<sup>20</sup>)<sub>2</sub>, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

R<sup>5</sup> and R<sup>6</sup> are each individually selected from hydrogen and C<sub>1-6</sub> alkyl;

R<sup>7</sup> is selected from the group consisting of C<sub>1-10</sub> alkyl, aryl, and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF<sub>3</sub>, CN, and OR<sup>20</sup>, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

R<sup>8</sup> is selected from the group consisting of hydrogen and C<sub>1-15</sub> alkyl; and

R<sup>20</sup> is selected from the group consisting of hydrogen and C<sub>1-4</sub> alkyl.

4. The compound of claim 1 wherein R<sup>3</sup> is selected from the group consisting of C<sub>1-10</sub>, alkyl, halo, CF<sub>3</sub>, CN, CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup>, aryl and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF<sub>3</sub>, CN, OR<sup>20</sup> and CON(R<sup>20</sup>)<sub>2</sub>;

R<sup>5</sup> and R<sup>6</sup> are each individually selected from hydrogen and C<sub>1-6</sub> alkyl;

R<sup>7</sup> is selected from the group consisting of C<sub>1-10</sub> alkyl, aryl, and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF<sub>3</sub>, CN, OR<sup>20</sup> and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

R<sup>8</sup> is selected from hydrogen and C<sub>1-15</sub> alkyl; and

R<sup>20</sup> is selected from hydrogen and C<sub>1-4</sub> alkyl.

5. The compound of claim 1 wherein R<sup>3</sup> is selected from the group consisting of C<sub>1-10</sub> alkyl, halo, CF<sub>3</sub>, CN, OR<sup>20</sup>, CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup> and aryl; wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF<sub>3</sub>, CN, OR<sup>20</sup> and CON(R<sup>20</sup>)<sub>2</sub>;

R<sup>5</sup> and R<sup>6</sup> are each individually selected from hydrogen and C<sub>1-6</sub>;

R<sup>7</sup> is selected from the group consisting of C<sub>1-10</sub> alkyl, aryl, and heteroaryl, where the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF<sub>3</sub>, CN, OR<sup>20</sup> and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

R<sup>8</sup> is selected from hydrogen and C<sub>1-15</sub> alkyl; and

R<sup>20</sup> is selected from hydrogen and C<sub>1-4</sub> alkyl.

6. The compound of claim 1 wherein R<sup>1</sup> = CH<sub>2</sub>OH;

R<sup>3</sup> is selected from the group consisting of CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup> and aryl; wherein the aryl substituent is optionally substituted with from 1 to 3 substituents independently selected



from the group consisting of halo, C<sub>1-6</sub> alkyl, CF<sub>3</sub>, CN, OR<sup>20</sup>, and CON(R<sup>20</sup>)<sub>2</sub>;

R<sup>7</sup> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, CF<sub>3</sub>, CN, OR<sup>20</sup> and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, and OR<sup>20</sup>;

R<sup>8</sup> is selected from hydrogen and C<sub>1-15</sub> alkyl; and

R<sup>20</sup> is selected from hydrogen and C<sub>1-4</sub> alkyl.

7. The compound of claim 1 wherein R<sup>1</sup> = CH<sub>2</sub>OH;

R<sup>3</sup> is selected from the group consisting of CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup> and aryl wherein the aryl substituent is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C<sub>1-6</sub> alkyl, CF<sub>3</sub>, and OR<sup>20</sup>;

R<sup>7</sup> is selected from the group consisting of hydrogen, and C<sub>1-8</sub> alkyl, wherein the alkyl substituent is optionally substituted with one substituent selected from aryl, CF<sub>3</sub>, CN, and OR<sup>20</sup> and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>, CN, or OR<sup>20</sup>;

R<sup>8</sup> is selected from hydrogen and C<sub>1-8</sub> alkyl; and

R<sup>20</sup> is selected from hydrogen and C<sub>1-4</sub> alkyl.

8. The compound of claim 1 wherein R<sup>1</sup> = CH<sub>2</sub>OH;

R<sup>3</sup> is selected from the group consisting of CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup>, and aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group of halo, C<sub>1-3</sub> alkyl, CF<sub>3</sub>, and OR<sup>20</sup>;

R<sup>7</sup> is selected from the group consisting of hydrogen, and C<sub>1-5</sub> alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF<sub>3</sub>;

R<sup>8</sup> is selected from hydrogen and C<sub>1-3</sub> alkyl; and

R<sup>20</sup> is selected from hydrogen and C<sub>1-4</sub> alkyl.

9. The compound of claim 1 wherein R<sup>1</sup> = CH<sub>2</sub>OH;

R<sup>3</sup> is selected from the group consisting of CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup>, and aryl that is optionally substituted with one substituent selected from the group of halo, C<sub>1-3</sub> alkyl, and OR<sup>20</sup>;

R<sup>7</sup> is selected from the group consisting of hydrogen, and C<sub>1-5</sub> alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R<sup>8</sup> is hydrogen; and

$R^{20}$  is selected from hydrogen and  $C_{1-4}$  alkyl.

10. The compound of claim 1 wherein  $R^1 = CH_2OH$ ;

$R^3$  is selected from the group consisting of  $CO_2R^{20}$ ,  $-CONR^7R^8$ , and aryl that is optionally substituted with one substituent selected from halo,  $C_{1-3}$  alkyl and  $OR^{20}$ ;

5  $R^7$  is selected from the group consisting of hydrogen, and  $C_{1-5}$  alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

$R^8$  is hydrogen; and

$R^{20}$  is selected from hydrogen and  $C_{1-4}$  alkyl.

10 11. The compound of claim 10 wherein  $R^7$  is a methyl.

12. The compound of claim 10 wherein  $R_3$  is  $-CO_2Et$ .

13. The compound of claim 1 wherein  $R^1 = -CONHET$ ;

15  $R^3$  is selected from the group consisting of  $CO_2R^{20}$ ,  $-CONR^7R^8$ , and aryl; that is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo,  $C_{1-6}$  alkyl,  $CF_3$ , CN,  $OR^{20}$ , and  $CON(R^{20})_2$ ;

20  $R^7$  is selected from the group consisting of hydrogen,  $C_{1-10}$  alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl,  $CF_3$ , CN, and  $OR^{20}$  and wherein each optional aryl substituent is optionally substituted with halo, alkyl,  $CF_3$ , CN, and  $OR^{20}$ ;

$R^8$  is selected from hydrogen, and  $C_{1-15}$  alkyl; and

$R^{20}$  is selected from hydrogen, and  $C_{1-4}$  alkyl.

14. The compound of claim 1 wherein  $R^1 = -CONHET$ ;

25  $R^3$  is selected from the group consisting of  $CO_2R^{20}$ ,  $-CONR^7R^8$ , aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo,  $C_{1-6}$  alkyl,  $CF_3$  and  $OR^{20}$ ;

30  $R^7$  is selected from the group consisting of hydrogen,  $C_{1-8}$  alkyl, and aryl, wherein the alkyl and aryl substituents are optionally substituted with one substituent selected from the group consisting of halo, aryl,  $CF_3$ , CN,  $OR^{20}$  and each optional aryl substituent is optionally substituted with halo, alkyl,  $CF_3$ , CN, and  $OR^{20}$ ;

$R^8$  is selected from hydrogen, and  $C_{1-8}$  alkyl; and

$R^{20}$  is selected from hydrogen, and  $C_{1-4}$  alkyl.

15. The compound of claim 1 wherein  $R^1 = -CONHET$ ;

$R^3$  is selected from the group consisting of  $CO_2R^{20}$ ,  $-CONR^7R^8$ , and aryl that is

optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C<sub>1-3</sub> alkyl, CF<sub>3</sub>, and OR<sup>20</sup>;

R<sup>7</sup> is selected from the group consisting of hydrogen, and C<sub>1-5</sub> alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is

5 optionally substituted with halo, alkyl, CF<sub>3</sub>;

R<sup>8</sup> is selected from hydrogen, and C<sub>1-3</sub> alkyl; and

R<sup>20</sup> is selected from hydrogen, and C<sub>1-4</sub> alkyl.

16. The compound of claim 1 wherein R<sup>1</sup> = -CONHET;

10 R<sup>3</sup> is selected from the group consisting of CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup>, and aryl that is optionally substituted with one substituent selected from halo, C<sub>1-3</sub> alkyl and OR<sup>20</sup>;

R<sup>7</sup> is selected from the group consisting of hydrogen, and C<sub>1-5</sub> alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R<sup>8</sup> is hydrogen; and

15 R<sup>20</sup> is selected from hydrogen, and C<sub>1-4</sub> alkyl.

17. The compound of claim 1 wherein R<sup>1</sup> = -CONHET;

R<sup>3</sup> is selected from the group consisting of CO<sub>2</sub>R<sup>20</sup>, -CONR<sup>7</sup>R<sup>8</sup>, and aryl that is optionally substituted with one substituent selected from halo, C<sub>1-3</sub> alkyl and OR<sup>20</sup>;

R<sup>7</sup> is selected from hydrogen, and C<sub>1-3</sub> alkyl;

20 R<sup>8</sup> is hydrogen; and

R<sup>20</sup> is selected from hydrogen, and C<sub>1-4</sub> alkyl.

18. The compound of claim 10 where R<sup>1</sup> is -CONHET.

19. A compound matter of claim 1 wherein the compound is selected from ethyl-

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{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylate, (4S,2R,3R,5R)-2-{6-amino-2-[4-(4-chlorophenyl)-pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol, (4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methoxyphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol, (4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methylphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)-oxolane-3,4-diol, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide, 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylic acid, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N,N-dimethylcarboxamide, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-ethylcarboxamide, 1-{9-

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[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxamide, 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-(cyclopentylmethyl)carboxamide, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-[(4-chlorophenyl)methyl]carboxamide, Ethyl 2-[(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)carbonylamino]acetate, and mixtures thereof.

20. A method for stimulating coronary vasodilatation in a mammal by administering to the mammal a therapeutically effective amount of a compound of claim 1 that is sufficient to stress the heart and induce a coronary steal situation for the purposes of imaging the heart.

~~21. The method of claim 20 wherein the therapeutically effective amount ranges from about 0.01 to about 100 mg/kg weight of the mammal.~~

~~22. The method of claim 20 wherein the mammal is a human.~~

~~23. A pharmaceutical composition comprising the compound of claim 1 and one or more pharmaceutical excipients;~~

~~24. The pharmaceutical composition of claim 23 wherein the pharmaceutical composition is in the form of a solution.~~

~~25. The pharmaceutical composition of claim 23 wherein the composition is useful as an anti-inflammatory, in adjunctive therapy with angioplasty, as a platelet aggregation inhibitor, and as an inhibitor of platelet and neutrophil activation.~~

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